# Iryanti F Nata

## List of Publications by Citations



| 32 | 554 | 12 | 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| 44 | 663 | 3 | 4.17 |
| ext. papers | ext. citations | avg, IF | L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 32 | One-pot preparation of amine-rich magnetite/bacterial cellulose nanocomposite and its application for arsenate removal. *RSC Advances*, **2011**, 1, 625 | 3.7 | 90 |
| 31 | A cleaner process for biodiesel production from waste cooking oil using waste materials as a heterogeneous catalyst and its kinetic study. *Journal of Cleaner Production*, **2018**, 195, 1249-1258 | 10.3 | 72 |
| 30 | Catalytic performance of sulfonated carbon-based solid acid catalyst on esterification of waste cooking oil for biodiesel production. *Journal of Environmental Chemical Engineering*, **2017**, 5, 2171-2175 | 6.8 | 59 |
| 29 | Conversion of palm oil sludge to biodiesel using alum and KOH as catalysts. *Sustainable Environment Research*, **2017**, 27, 291-295 | 3.8 | 54 |
| 28 | Facile preparation of magnetic carbonaceous nanoparticles for Pb2+ ions removal. *Journal of Hazardous Materials*, **2010**, 183, 853-8 | 12.8 | 54 |
| 27 | Carbon-based strong solid acid for cornstarch hydrolysis. *Journal of Solid State Chemistry*, **2015**, 230, 163-168 | 3.3 | 37 |
| 26 | Chitin nanofibrils for self-sustaining hydrogels preparation via hydrothermal treatment. *Carbohydrate Polymers*, **2012**, 90, 1509-14 | 10.3 | 34 |
| 25 | Removal of Pb(II) and As(V) using magnetic nanoparticles coated montmorillonite via one-pot solvothermal reaction as adsorbent. *Journal of Environmental Chemical Engineering*, **2019**, 7, 103000 | 6.8 | 28 |
| 24 | Potential waste from palm empty fruit bunches and eggshells as a heterogeneous catalyst for biodiesel production. *RSC Advances*, **2017**, 7, 55547-55554 | 3.7 | 20 |
| 23 | Carbonaceous hydrogels based on hydrothermal carbonization of glucose with chitin nanofibers. *Soft Matter*, **2012**, 8, 3522 | 3.6 | 19 |
| 22 | Novel carbonaceous nanocomposite pellicle based on bacterial cellulose. *Green Chemistry*, **2010**, 12, 1454 | 10 | 18 |
| 21 | A chitin nanofibril reinforced multifunctional monolith poly(vinyl alcohol) cryogel. *Journal of Materials Chemistry B*, **2014**, 2, 4108-4113 | 7.3 | 17 |
| 20 | Carbonaceous materials passivation on amine functionalized magnetic nanoparticles and its application for metal affinity isolation of recombinant protein. *ACS Applied Materials & Interfaces*, **2011**, 3, 3342-9 | 9.5 | 9 |
| 19 | Selective adsorption of Pb(II) ion on amine-rich functionalized rice husk magnetic nanoparticle biocomposites in aqueous solution. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104339 | 6.8 | 7 |
| 18 | Facile microencapsulation of curcumin in acetylated starch microparticles. *Journal of Microencapsulation*, **2014**, 31, 344-9 | 3.4 | 6 |
| 17 | Biopolymer of Chitosan from Fish Scales as Natural Coagulant for Iron Contaminated Groundwater Treatment. *Jurnal Rekayasa Kimia & Lingkungan*, **2018**, 13, 93-99 | 1 | 5 |
| 16 | Biodiesel production from waste cooking oil using heterogeneous catalyst: Biodiesel product data and its characterization. *Data in Brief*, **2020**, 28, 104879 | 1.2 | 5 |

# List of Publications

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|---|---|---|---|
| 15 | Biocomposite Materials of Eleocharis dulcis Fibers with Iron (III) Nanoparticles and Its Potential for Sasirangan Textile Wastewater Treatment. *International Journal on Advanced Science, Engineering and Information Technology*, **2017**, 7, 1234 | 1.6 | 4 |
| 14 | One-step Synthesis to Enhance the Acidity of a Biocarbon-based Sulfonated Solid Acid Catalyst **2019**, 10, 512 | | 2 |
| 13 | PRODUKSI BIOETANOL DARI ALKALI-PRETREATMENT JERAMI PADI DENGAN PROSES SIMULTANEOUS SACHARIFICATION AND FERMENTATION (SSF). *Konversi*, **2016**, 3, 10 | 0.5 | 2 |
| 12 | Utilization of Rice Husk Cellulose as a Magnetic Nanoparticle Biocomposite Fiber Source for the Absorption of Manganese (Mn2+) Ions in Peat Water. *Jurnal Kimia Sains Dan Aplikasi*, **2019**, 22, 220-226 | 0.4 | 2 |
| 11 | Influence of Soy Protein Isolate on Gelatin-based Edible Film Properties. *MATEC Web of Conferences* , **2018**, 156, 01014 | 0.3 | 1 |
| 10 | High Adsorption Capacity of Activated Carbon from Rubber Seed Shells on Tofu (Soybean Whey) Wastewater. *IOP Conference Series: Earth and Environmental Science*, **2020**, 499, 012009 | 0.3 | 1 |
| 9 | The green synthesis of a palm empty fruit bunch-derived sulfonated carbon acid catalyst and its performance for cassava peel starch hydrolysis.. *RSC Advances*, **2021**, 11, 6449-6455 | 3.7 | 1 |
| 8 | Bioethanol Production from Cassava Peel Treated with Sulfonated Carbon Catalyzed Hydrolysis. *Jurnal Kimia Sains Dan Aplikasi*, **2021**, 24, 1-8 | 0.4 | 1 |
| 7 | Recovery of Aluminum from Aluminum Coated Plastic Waste using Pyrolysis Process. *Reaktor*, **2018**, 18, 38 | 0.5 | 1 |
| 6 | Rice Husk Fiber Magnetic Nanoparticle Biocomposites: Preparation and Characterization. *IOP Conference Series: Earth and Environmental Science*, **2018**, 175, 012005 | 0.3 | 1 |
| 5 | Adsorption of Fe3+ ion from Aqueous Solution onto Rice Husk Biocomposite Magnetic Nanoparticle. *IOP Conference Series: Earth and Environmental Science*, **2020**, 506, 012006 | 0.3 | 0 |
| 4 | The utilization demineralized rice husk waste for biofuel source via pyrolysis: thermogravimetric analysis and kinetic study. *MATEC Web of Conferences*, **2019**, 280, 05019 | 0.3 | |
| 3 | The treatment of Raw Water Sources of Drinking Water using Chitosan/Mg/Al□DH Composites: Problem cases in Municipal Waterworks in Banjarmasin. *IOP Conference Series: Earth and Environmental Science*, **2020**, 506, 012003 | 0.3 | |
| 2 | Rice Husk Demineralization: Effect of Washing Solution on Its Physicochemical Structure and Thermal Degradation. *Jurnal Kimia Sains Dan Aplikasi*, **2021**, 24, 37-42 | 0.4 | |
| 1 | Biosorption of Lead (II)□ontaining Sasirangan Textile Wastewater using Nanocomposites of Eleocharis dulcis Fibers with Iron (III) Nanoparticles as Adsorbent. *MATEC Web of Conferences*, **2018**, 156, 05011 | 0.3 | |